



# NITE-TIMES NEWS

## CHICAGO AREA TIMEX USERS GROUP

Chicago Area Timex Users Group

Volume 4, Number 2

Downers Grove, Illinois

March/April 1990

### MEMORY MAP

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### C.A.T.U.G. CLUB OFFICERS

Here is the list of 1990 club officers and how to contact them. The club has two strong SIGS, SPECTRUM/TS2068 and QL. If you have questions about either of these fine machines or even the ZX81/TS1000/TS1500 call one of the officers. C=312, S=708.

POSITION	NAME	PHONE	PRIMARY FUNCTION
President	Butch Weinberg	C373-2470	The buck stops here...
Vice-President	Bob Swoger	S576-8068	Newsletter, BBS, etc.
Secretary	John Donaldson	S232-6147	Records and Reporting
Treasurer	Al Feng	S971-0495	Dues and Purchasing

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### NITE-TIMES NEWS

Volume IV, Number 2

1

March/April 1990

## **NITE-TIMES Information**

The Nite-Times News is the newsletter of the Chicago Area Timex Users Group. For an annual fee of \$10.00 you can become a CATUG member with full membership privileges. Send your dues to :

**CATUG Treasure Al Feng  
15 Wake Robin Ct.  
Woodridge, IL 60517**

The Chicago Area Timex Users Group is pleased to exchange newsletters with other Timex and Sinclair supporting users groups at no charge.

**PLEASE SEND ALL  
NEWSLETTERS  
TO THE ADDRESS  
GIVEN BELOW:**

It is:

**CATUG - C/O Bob Swoger  
613 Parkside Circle  
Streamwood, IL 60107**

If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter.

We encourage your user group to copy this newsletter and distribute it at your regular meetings to your members free of any charge as we believe that this will encourage better meeting attendance. If you are a user group that feels as we do, please let us know in your newsletter so that we might do this for our members and keep our attendance up.

Articles originating from our group can be had on tape or LarKen Disk for use in Magazines by contacting the editor. As this newsletter can be downloaded from our BBS you may reprint it using this means.

## **NITE-TIMES CONTRIBUTIONS**

If you would like to contribute an ARTICLE to the newsletter upload a file into your CATUG PDP 11/60 account called NITETIMES.ART If you have an AD

for the newsletter put a file in your account called COMPUTER.ADS If you have NEWS to POST about your group, place a file in your account called POST.NWS

These files are gathered by the BBS computer and downloaded to the editor. If you don't have a CATUG account either get one or contact the editor by mail, in person, or by phone:

**NITE-TIMES NEWS EDITOR  
Bob Swoger  
613 Parkside Circle  
Streamwood, IL 60107**

It is preferred that you call: H708/837-7957 or W708/576-8068

## **CONTRIBUTORS TO THIS ISSUE**

-----  
Butch Weinberg  
Al Feng  
John Donaldson  
Bob Swoger, K9WVY

## **CLUB MEETINGS**

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The Chicago Area Timex Users Group meets on the second Saturday of each month at the home of out meeting coordinator Steve Cooper in Downers Grove, Illinois from 1:00 to 5:00 PM. Steve's home is lovingly called the CLUB HOUSE and is located at 1300 Maple Street in Downers Grove just 2 blocks southwest of the Downers Grove Public Library. Steve can be contacted evenings at 708/968-3553.

When visiting be careful of the Dutch Dooooooooooooorrrrrrrrr.....

## **DATA INTERRUPT**

-----  
!! SINCLAIR SURVIVALISTS !!  
!! STAND UP AND BE COUNTED !!

Commit yourself to COME to the SMUG SINCLAIR COMPUTER EXPO !! Lets show SMUG that we back their efforts. We at the CATUG will have a table (if there is one left) and will staff it on Saturday for sure. We plan to have at least 9 of our 22 members present. We will get our ticket money in soon so that we will be 'counted' and

hope this will encourage SMUG for the effort they are putting forward on our behalf.

Hope you others will let the SMUG know of your intentions so that the SMUG can tell us all how it is going.

#### FROM THE EDITOR'S DESK

---

I see in some of the newsletters we exchange with that some of our TSUGS are going to MS-DOS! I have seen what QL did to our club in the mid 80's and it wasn't good. As a result of the QL coming in, the club was torn apart to some extent. We resolved to get along and some of our members are still using both machines. After our meetings, however, the two SIGS tend to split up and do their own thing.

Since Larry Kenny came out with his disk operating system and LogiCall was developed, there has been no need for TS2068ers to move on to the QL to have power and speed at a reasonable cost, so we remain two separate SIGS.

Some TSUG newsletters have recently written about MS-DOS, ATRIA and COMMODEDOOR in their newsletters and had nothing about TIMEX/SINCLAIR machines! The PRESIDENT of SNUG uses MS-DOS rather than T/S machines to put out the SNUG newsletters and as a result we get no uploads from him for the SNUG BBS!

Guys, are you forgetting your charter? Abraham Lincoln knew his BIBLE when he said "A house divided can not stand!".

If we let MS-DOS in, we might just as well shut our doors to the T/S community. It shall not happen here! We will continue to only talk 'SINCLAIR' and print programs, new or old, about "SINCLAIR" machines as long as we remain alive, this is our commitment.

There are already plenty of MS-DOS groups in the country and if our members wish to

learn MS-DOS they can join them. If they also want to use TIMEX/SINCLAIR they may ALSO come here.

My brother told me about an experience he had in France. He buys and sells coins. Shop keepers refused to talk to him in English! He knows no French. He told them "I have a dog that speaks French fluently. If you want to speak French, you can talk to my dog but if you want to do business, talk to me in ENGLISH!" So my message is, if you want to talk MS-DOS, talk to my dog, but if you want to talk computing speak 'SINCLAIR' to me.

Experience has shown me that once someone gets an MS-DOS machine we never hear from him again, he just seems to fall off the face of the earth! So folks.... read my lips .....

SAY NO TO MS - DOS!  
SAY NO TO MS - DOS!  
SAY NO TO MS - DOS!  
SAY NO TO MS - DOS!

How many times must I say it?

Bob Swoger, Editor  
Chicago Area Timex Users Group

#### TREASURY NOTES

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After our last transactions and other expenses, our balance stands at \$265.00.

Our current paid membership stands at 22.

Al Feng, Treasurer  
Chicago Area Timex Users Group

#### SECRETARY'S NOTE PAD

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February 10, 1990

The meeting was called to order at 2:00 PM. Those present: Messrs. Brezina, Cooper, Donaldson, Feng, Majewski, Mills, Pashtoon, Sauter, Swoger, Ulreich, and Joy Carter, a guest of Steve Cooper.

We just received newsletters from the Capital District users group in our exchange program. Bob Swoger said he never knew of them until his vacation but understands that they are anxious to expand their newsletter. They are concerned about their small numbers but Bob wrote them encouraging them to just do all they could to hang on to the faithful that they have. The message? "Lets be survivalists!".

Bob Swoger noted that in one of the above newsletters, there were complaints from two TS2068 LarKen DOS users who said that they could only "talk" to each other in diode fashion. Because Bob had also experienced this problem with disks from Larry Kenny, he sent Mr. Jack Barron a disk which, when you run it, makes unreadable disks readable. The disk was a machine code gift from Larry Kenny, to which Bob added a BASIC driver. He believes that this program called "STEPRaTe.B1" will fix their problem.

Lately, SNUG has gotten a lot of negative comment. We feel that if we were treated to the same, we'd be smarting from it, too, so we offer our sympathy. We feel strongly that constructive criticism is the only way to keep the Sinclair/ Timex flame alive. To that end, we offer our BBS for their use. Also, in line with stories about offers to SNUG to take over publication of Update magazine, it was felt that no one person could do what Update's editor is doing now -- covering all the S/T bases so well. If the editor really wants to get out, that's one thing. On the other hand, if the various newsletters could agree on a standard format similar to ours, Update could simply be an edited compilation of all group newsletters. This would relieve the editor of the worry about a need for fresh material. How does Update magazine or how do other newsletters/user groups feel about this?

[Al Feng reported that he received a first copy of the SNUG newsletter but left it behind. He reported that there were requests for suggestions and material.]

Bob Swoger, our editor, plans to see the year 2000 in with his TS2068 on his desk. He has had IBM and Macintosh under his fingertips and sees no reason to change. While there is input from both QL and 2068 users to this newsletter, he wants it known that the final formatting is done with TASWORD 2 - not Mscript or any other word processor program. The reason he uses 31 columns in this newsletter is that when the text is observed on our BBS using MTERM II and a 2068, one sees a full screen with no distorted words which perfectly fits on a 32 column screen with no double spacing. As most users are using TVs as monitors, 32 columns is best and double column 31 wide is quite readable in print. Our QL mavens keep trying to bring him to the age of enlightenment but Bob is a proud man. What else can we say?

A survey of those present showed that 90 percent of our group plan to attend the 1990 SMUG Fest in Milwaukee this June.

A Rainbow Fest is scheduled for April 6, 7, 8 in Schaumburg for Radio Shack computerists. Why mention it here? Remember Zebra? Zebra, who no longer supports us, plans to be there supporting Radio Shack Color Computer. Zebra will deliver two trunk loads of Sinclair goodies to Bob Swoger pass on to SMUG for sail at the FEST. If any one needs TS computer power supplies from Zebra at the FEST, contact Neal so that some will be made available. Look for A/D boards for TS computers, TALKERS, and INTERFACE project boards with BOOKS for same. 32 column printers will be there, both ALFACOM and TS. Every survivalist should have at least 2. ZEBRA will also supply

TIMEX program tapes in case you are missing any in your collection.

Speaking of other brands, the mouse for the TS2068 is the Commodore 2-button mouse. It drives Artworx and ART STUDIO. It should be handy too for LarKen windows. Bob will let us know this summer.

A Magnavox RGB/composite 80 column monitor was brought for sale by John Ulreich and was taken by the end of the meeting.

A recent CATS newsletter announced 5-1/2" IBM 720K Mitsubishi half-height disk drives removed from equipment at \$25 each w/o power supplies or enclosures suitable for QL users. Al Feng arranged a group buy and 8 drives were ordered.

Butch Weinberg, our president, took delivery on a PC-AT clone. He insists that it will help him to use his QL. But he wasn't at the meeting. Should we form a search party?

Meeting was adjourned at 2:48 PM.

A seminar followed, in which Nazir Pashtoon demonstrated his test jig for the TS2068 that has 24 input/output lines which he can program to check any unknown IC by going through all logical combinations. It is actuated by using a keyboard rather than by using switches as in a laboratory setup.

**March 10, 1990**

Meeting was called to order at 2:15 PM. Those present: Messrs. Brezina, Brooks, Sr. & Jr., Cooper, Donaldson, Feng, Lessenberry (Gary & Jeff), Mills, Pashtoon, Swoger, Weinberg.

Bill Brooks (father and son) attended their first meeting since learning about CATUG at the Indianapolis Convention. In typical CATUG fashion, they were accorded a warm welcome. Although using PCs at work,

they still have 3 T/S units at home. Their primary interest is in QL and TS2068 so, as a result, they were inundated with suggestions from each SIG. Note to those planning conventions: It may take a year or three for some folks to get out to a user group!

Bob Swoger was informed that Indiana has problems with LarKen disk interfaces. He's had none. So he made some comparisons between LarKen and JLO interfaces. JLO has something to key the slot which falls out. LarKen takes two pins and solders to them which prevents such a catastrophe. TS2068 owners, check your interfaces to make sure the key doesn't fall out! (Same goes for Z-Talkers.)

The long-awaited SNUG newsletter arrived. And with an article by our own Jim Brezina in it, too!

CATUG members will attend the SMUG Fest in Milwaukee to see, to learn, and to share. A motion was made and carried that all members - whether attending or not - will buy tickets for both days as a show of support to SMUG. A table with CATUG information will be manned by attending members.

Gary Lessenberry, in attempting to lessen his inventory of goodies before going to the South Seas, brought a couple of power supplies with disk drive connecting cables and a TEAC FD-55 BV06U disk drive for sale. Prices are/were negotiable. [Gary is still at his Great Lakes address. The MOUSE to use with the LarKen system is the COMMODORE 1351. Plug it into the KEMSTON joystick port and hold down the right button on the mouse while powering up the TS2068.]

Eight disk drives ordered by Al Feng at the last meeting were delivered in good condition.

Meeting was adjourned at 3:02 PM.

As our demo for the month, Bob Swoger brought in "Hunt the Wumpus", an Apple game program converted to TS1000, loaded into TS2068 by First Loader and modified by Bob to run better. It features a full 24 line screen display, what appears to be 'partial' screen clears, and does not require the ENTER key at all! It is a text adventure in which "HUNT THE WUMPUS" appears on the screen at all times and ends with "visual gratification" when you kill the Wumpus! No machine code, it is written entirely in BASIC. Bob wrote it to show how pleasant screen appearance and logical inputting can be accomplished on our Sinclair machines.

John Donaldson, Secretary  
Chicago Area Timex Users Group

## GATOR'S TWISTED PAIR

There is very little to report as to activity on the BBSs of either CATUG or SNUG. Since our announcement of the SNUG Illinois BBS there have been 36 logins to the guest account. There have been no uploads from the SNUG officers to date so there is not much reason to log into the BBS. I typed in the first two newsletters into the system but I refuse to do that anymore as I am no typist and the 'ones and zeros' are available to upload. I heard the cry go out from SNUG for workers and a BBS. I gave you the BBS to test your sincerity in your thought that you 'could do it if you had the help.' and you seem to be failing the test. Well, guys you have to help too, so 'defecate' or get off the POT!

We shall talk about it at the June meeting.

! ! ! R E M E M B E R ! ! !  
We now have a 24 hour BBS and  
encourage you to exchange mail  
and contribute to the Download  
Section. Use it and have fun!

```
***** C A T U G B B S
*      708/576-7072
*      Type at the > prompt:
*      LOG SINCLAIR/GUEST
*      BYE to log out
*****
```

Bob Swoger, SYSOP  
Chicago Area Timex Users Group

ITEMS FOR SALE THROUGH THE CLUB

No activity this month.

#### SPECIAL DEALS AND BUYS

CLUB POLICY  
REGARDING SPECIAL PURCHASES

Each special buy will have a CHAIRMAN who will coordinate ALL ACTIVITY regarding a purchase. The CHAIRMAN will publicize the special buy through the newsletter and at the CATUG meetings. All interaction will go through the CHAIRMAN and all checks will be sent to him, payable to the CHAIRMAN.

When the purchased goods arrive, the CHAIRMAN will see that they are distributed. All special buys must be PAID IN ADVANCE because the CATUG does not have enough funds to handle all of the buys without cash flow problems. So you MUST SEND A CHECK TO THE CHAIRMAN BEFORE THE DEADLINE or you will not be included in the special buy. The CHAIRMAN will contact the members on his interest list regarding deadlines and purchase price or alternately, it will appear in the NITE-TIMES newsletter.

Bob Swoger is the chairman  
for the following:  
%%%%%%%%%%%%%  
256K RAM-DISK KIT for T/S 2068  
%%%%%%%%%%%%%  
LarKen RAM-Disk Operating  
system board built and tested,  
256K RAM-DISK board with  
connectors only, no IC's. The  
Disk Drive controller board can  
be added later to control up to  
4 more double sided drives.  
Battery back-up, all system  
software.

\*\*\*\* \$88.00 postage paid. \*\*\*  
Contact the chairman for more  
details. There is no Qty. buy  
necessary. 708/576-8068

## ARTICLES

### ALFA-BYTES #1

by the Tonkin Reader

There has recently been a lot of discussion about what will and will not be compatible carry-over programs from the Spectrum to the TS2068. The determining factor seems to lie in the exclusive use of fully documented ROM calls. As any good programmer knows, Basic, which we find in ROM, is an understandable combination of assembly language instructions called MNEMONICS, some of the most common of which are JNP, BRA, STA, BCC, LEA, ETC (et cetera). The following are a few of the lesser known instructions that are present in most, if not all computers.

ARG:Agree to Run Garbage  
(definitely the  
most often used  
euphemism among users)  
DDS:Damage Disk and Stop  
(who hasn't seen this  
one?)  
VMB:Verify and make bad  
(precedes ARG in  
operation)  
SDJ:Send all Data to Japan  
(ever wonder where it  
went?)  
TTC:Tangle Tape and Crash  
(created just for CCR  
users)  
YII:Yield to Irresistible  
Impulse  
(occurs after VMB/ARG;  
results in purchase  
of new case)  
KFP:Kindle Fire in Printer  
(need that report when?)  
LNM:Launch Nuclear Missiles  
(you were on WHAT BBS?)

It's pretty certain that most of us have experienced at least one of the above, and this is by no means an exhaustive listing. Watch next time as ALFA-BYTES brings you additional tid-BYTES from the Tonkin Reader.

### TASWORD 2 V1.8 for LogiCall

by  
Bob Swoger

Now that LogiCall [Dec 89 NTN] is out in the world, you will need a new driver for your TASWORD 2 word processor.

This driver is a modification of the one that Larry Kenny sends out with his LK-DOS for TS2068 package. It was modified per the needs of both LogiCall, Rod Gowen files and files made before LK-DOS. After talking to owners of TASWORD 2 for DOS, I found the same complaints over and over again, features had been removed to add the DOS features! There was no need for this, so I put them back and then some.

#### FEATURES:

- 1.) Includes all the original TASWORD 2 commands.
- 2.) Includes all LK-DOS modifications.
- 3.) Includes EXIT back to LogiCall.
- 4.) Loads files with either 'j' or 'l'.
- 5.) Uses .CT as a default extender and locates it for you if not in positions 7,8 or 9.
- 6.) Lets you select your own extender.
- 7.) Entering no filename at the request for filename prompt in the SAVE routine will SAVE the file using the same file name it LOADED in.

To call in the TASWORD 2 word processor from LogiCall, just enter 'W' at the PROGRAM? prompt. TASWORD 2 will come into your computer with the text area clear [unlike Larry's version] and in the menu mode. Just select 'l' or 'j' to load in a file. TASWORD 2 will then ask you for the Drive number you wish to load from and also the file name you wish to load.

If the file name is X.CT or X .CT or X .CT or X .XT, just enter X and the file will LOAD into TASWORD 2. If you enter the entire file name with the extender, any '.C' extender, it will also load in.

Saving is easier also. If you are working on a files that you loaded in earlier and you wish to save it under the same file name, just hit ENTER at the filename prompt in the save routine!

To exit back to LogiCall, go to the menu and select 'e' or 'q' [for 'exit' or 'quit'] and will be back in LogiCall. Be sure you have SAVED your w.p. file first or it will be lost!

```

10 FOR i=VAL "64840" TO VAL "64842": POKE i,NOT PI: NEXT i:B
ORDER VAL "7": PAPER VAL "7": I
NK VAL "9": CLS : LET a=USR VAL
"64330": GO TO VAL "20"
15 POKE VAL "23609",SGN PI: C
LEAR VAL "33279": GO SUB VAL"4e
3": GO SUB VAL "9050": PRINT AT
VAL "10",VAL "13"; FLASH SGN P
I;"LOADED": BEEP VAL ".042",VAL
"50": PAUSE VAL "2.8": BEEP VA
L ".042",VAL "50": LET a=USR VA
L "59081": GO TO VAL "30"
20 CLS : LET a=VAL "64"*(INT (
a/VAL "64"+VAL "0.99"): IF a=NO
T PI THEN GO TO VAL "3e3"
30 GO SUB VAL "4e3": PRINT ''
"print text file p",,,"save text
file s",,,"load
text file j",,,"merge te
xt file m",,,"ret
urn to text file y",
,"define graphics/printer g",,,"
directory of files
d",,,"save TASWORD t",,,"e
xit to BASIC b
"
70 PRINT #NOT PI;TAB VAL "11"
;"press key"
80 LET a$=INKEY$: IF a$="" TH
EN GO TO VAL "80"
90 LET i=NOT PI: LET b=CODE a
$: IF b<VAL "97" THEN LET b=b+V
AL "32"
100 IF b=VAL "112" THEN LET i=
VAL "4"
110 IF b=VAL "115" THEN LET i=
VAL "6"
120 IF b=VAL "106" OR b=VAL "1

```

```

08" THEN LET i=VAL "8"
130 IF b=VAL "109" THEN LET i=
VAL "10"
140 IF b=VAL "114" OR b=VAL "1
21" THEN LET i=VAL "12"
150 IF b=VAL "103" THEN LET i=
VAL "14"
160 IF b=VAL "100" THEN LET i=
VAL "16"
165 IF b=VAL "116" THEN LET i=
VAL "18"
170 IF b=VAL "98" OR b=VAL "10
1" OR b=VAL "113" THEN LET i=VA
L"20"
172 IF b=VAL "101" THEN PRINT
AT i,NOT PI;"exit "
174 IF b=VAL "113" THEN PRINT
AT i,NOT PI;"quit "
180 IF i>NOT PI THEN PRINT AT
i,VAL "31"; FLASH SGN PI;CHR$ b
;:GO TO VAL "500"
190 GO TO VAL "80"
200 CLS : GO SUB VAL "4e3": PR
INT AT VAL "4",VAL "8";"PRINT O
PTIONS": PRINT " just press EN
TER for default values given
in brackets"
210 LET i=VAL "8": LET j0=VAL
"23": PRINT AT i,NOT PI;"Line s
pacing? (1)": GO SUB VAL "6e3": IF
a$="" THEN LET a$="1"
215 POKE VAL "62235",VAL a$
220 LET i=VAL "10": PRINT AT i
,NOT PI;"Start at line? (1)": G
O SUB VAL "6e3": IF a$="" THEN
LET a$="1"
230 LET c=VAL "64"*(INT VAL a$-
SGN PI): LET b=c+FN p(VAL"6221
6"): LET x=VAL "60045": GO SUB
VAL "950"
240 LET i=VAL "12": PRINT AT i
,NOT PI;"Finish at line? (last)
":GO SUB VAL "6e3": IF a$="" TH
EN LET b=a-c: GO TO VAL "250"
245 LET b=VAL "64"*(INT VAL a$-
c
250 RANDOMIZE USR VAL "59806": R
ANDOMIZE USR (FN p(VAL"62472"))
)
260 CLS : PRINT AT VAL "20",NO
T PI;"Press the q key to quit p
rinting"
270 LET x=VAL "60049": GO SUB
VAL "950"
275 LET c=PEEK VAL "62470": IF
c<>NOT PI THEN LPRINT CHR$ c
280 RANDOMIZE USR VAL "60038"
285 LET c=PEEK VAL "62471": IF
c<>NOT PI THEN LPRINT CHR$ c
290 RANDOMIZE USR VAL "59806": GO
TO SGN PI
300 GO SUB VAL "4e3": PRINT "P
rinter control graphics chars:"
305 LET b=VAL "4": FOR i=NOT P
I TO VAL "15": LET b=ABS (b-VAL

```

```

"4"): PRINT AT i+VAL "4",b;i+VA
L "128";CHR$ (i+VAL "128")
307 FOR j=NOT PI TO INT PI: LE
T c=PEEK (VAL "60860"+i*VAL"4"+j):
LET a$=STR$ c: IF c=VAL "25
5" THEN LET a$=""
308 PRINT AT i+VAL "4",VAL "10
"+VAL "4"*j;a$: NEXT j: NEXT i
320 INPUT "Type graphics chara
cter code 128-143 (ENTER if fin
ished)";a$
325 IF a$="" THEN GO TO VAL "4
00"
340 LET b=VAL a$: IF b<VAL "12
8" OR b>VAL "143" THEN GO TO VA
L "320"
350 PRINT AT VAL "21",PI; FLAS
H SGN PI;b; FLASH NOT PI;" ";CH
R$ b
355 FOR j=NOT PI TO INT PI: P
OKE (VAL "60348"+b*VAL "4"+j),V
AL"255": NEXT j
360 FOR j=NOT PI TO INT PI:INP
UT "Code? (ENTER if finished)";a$:
IF a$="" THEN GO TO VAL "30
0"
370 POKE (VAL "60348"+b*VAL "4
"+j),VAL a$: PRINT AT VAL"21",V
AL "10"+VAL "4"*j;VAL a$: NEXT
j: GO TO VAL "300"
400 CLS : GO SUB VAL "4e3": PR
INT AT INT PI,NOT PI;"Reset int
erface/printer codes?": LET i=V
AL "5": GO SUB VAL "920": CLS:I
F i=NOT PI THEN GO TO VAL "25"
401 GO SUB VAL "4e3": PRINT AT
INT PI,NOT PI;"just ENTER to k
eep values given:"
403 LET j0=VAL "27": LET i=VAL
"8": LET j=NOT PI: LET a$="Int
erface control code1": LET x=V
AL "60924": GO SUB VAL"850"
404 LET i=VAL "9": LET j=VAL "
18": LET a$="code2": LET x=VAL
"62470": GO SUB VAL "850"
405 LET i=VAL "10": LET j=VAL "
18": LET a$="code3": LET x=VA
L "62471": GO SUB VAL "850"
406 LET i=VAL "11": PRINT AT i
,VAL "18";"code4=";FN p(VAL"624
72"): LET i=VAL "12": LET j0=VA
L "24": GO SUB VAL "6e3": LET j
0=VAL "27": IF a$<>"" THEN LET
b=VAL a$: LET x=VAL "62472": GO
SUB VAL "950"
410 LET i=VAL "14": LET j=NOT
PI: LET a$="Printer carriage re
turn": LET x=VAL "60925": GO S
UB VAL "850"
420 LET i=VAL "16": LET j=NOT
PI: LET a$="Printer linefeed": LET
x=VAL "60926": GO SUB VAL "
850"
430 LET i=VAL "18": LET j=NOT
PI: LET a$="Left margin on prin

```

```

ting=": LET x=VAL "60927": GO S
UB VAL "850"
490 GO TO VAL "20"
500 INPUT "": PRINT #NOT PI;"p
ress the "; FLASH SGN PI;"ENTE
R"; FLASH NOT PI;" key to proce
ed press "; FLASH SGN PI;"c";
FLASH NOT PI;" to change the c
hoice "
510 LET a$=INKEY$: IF a$="c" O
R a$="C" THEN CLS : GO TO VAL"3
0"
520 IF CODE a$=VAL "13" OR a$>
="0" AND a$<="4" THEN BEEP VAL"
.001",VAL "34.4": GO TO VAL "60
0"
530 GO TO VAL "510"
600 IF b=VAL "100" THEN GO TO
VAL "700"
610 IF b=VAL "114" OR b=VAL "1
21" THEN GO TO SGN PI
620 IF b=VAL "115" THEN CLS :G
O TO VAL "1e3"
630 IF b=VAL "109" THEN GO TO
VAL "2e3"
640 IF b=VAL "106" OR b=VAL "1
08" THEN LET a=USR VAL "59081":L
ET a=NOT PI: GO TO VAL "2e3"
650 IF b=VAL "112" THEN GO TO
VAL "200"
660 IF b=VAL "103" THEN GO TO
VAL "300"
670 IF b=VAL "116" THEN GO TO
VAL "9990"
680 IF b=VAL "101" OR b=VAL "1
13" THEN GO TO VAL "9998"
690 CLS : STOP : RUN
700 GO SUB VAL "5e3": PAUSE NO
T PI: CLS : GO TO VAL "30"
850 PRINT AT i,j;a$:PEEK x: GO
SUB VAL "6e3": IF a$<>"" THEN
POKE x,VAL a$
860 RETURN
920 PRINT AT i,VAL "4";"press
y for yes";AT i+VAL "2",VAL"11
";"n for no"
930 IF INKEY$="n" OR INKEY$="N
" THEN LET i=NOT PI: RETURN
940 IF INKEY$="y" OR INKEY$="Y
" THEN LET i=SGN PI: RETURN
945 GO TO VAL "930"
950 POKE x,b-VAL "256"**INT (b/
VAL "256"): POKE (x+SGN PI),INT
(b/VAL "256"): RETURN
1000 GO SUB VAL "5e3": PRINT #N
OT PI;"Enter name of file to SA
VE Maximum 6 letters ": LE
T i=VAL "20": LET j0=NOT PI: GO
SUB VAL "6e3": IF a$<>"" THEN
LET f$=a$
1010 IF LEN f$>VAL "9" THEN CLS
:PRINT AT VAL "12",NOT PI;"too
many characters - max is 6": GO
TO VAL "1e3"
1020 IF LEN f$=NOT PI THEN CLS:

```

```

PRINT AT VAL "12",PI;"there must be a name": GO TO VAL "1e3"
1030 IF LEN f$>PI THEN IF f$(LEN f$-VAL "2")=". ." THEN GO TO VAL "1050"
1040 LET f$=f$+".CT": IF LEN f$>VAL "9" THEN LET f$=f$( TO VAL "6"): GO TO VAL "1040"
1050 PRINT #VAL "4": SAVE f$CODE b,a
1060 CLS : PRINT AT VAL "8",NOT PI;"text file ";f$;" saved:";AT VAL "10",NOT PI;a;" bytes",,a/PEEK VAL "62237";" lines": PAUSE VAL "400": GO TO SGN PI
2000 GO SUB VAL "5e3": PRINT #NOT PI;"Enter name of file to LOAD": LET i=VAL "20": LET j0=NOT PI: GO SUB VAL "6e3": IF a$<>"" THEN LET f$=a$
2010 IF LEN f$>PI THEN IF f$(LEN f$-VAL "2")=". ." THEN GO TO VAL "2040"
2030 LET f$=f$+".CT": IF LEN f$>VAL "9" THEN LET f$=f$( TO VAL "6"): GO TO VAL "2030"
2040 PRINT AT VAL "20",NOT PI;:POKE VAL "23728",VAL "100":PRINT #VAL "4": LOAD f$CODE (a+b),((FN p(VAL "62221")+VAL"22")*VAL "64"-a)
2050 IF PEEK VAL "23728"=VAL "101" AND LEN f$<VAL "9" THEN LET f$=f$( TO LEN f$-PI)+" ": GO TO VAL "2020"
2060 IF PEEK VAL "23728"=VAL "101" THEN CLS : PRINT #VAL "4":CAT ".C^",: GO TO VAL "2e3"
2070 GO TO SGN PI
3000 FOR i=VAL "23296" TO VAL "23361": POKE i,VAL "32": NEXT i
3005 POKE VAL "23362",NOT PI
3010 PRINT AT VAL "8",NOT PI;"type word to be replaced / found"
3012 LET j0=NOT PI: LET i=VAL "10": GO SUB VAL "6e3": IF a$="" THEN RUN
3020 LET j=NOT PI: FOR i=SGN PI TO LEN a$: POKE VAL"23297"+i,CODE a$(i): IF a$(i)=" " THEN LET j=j+SGN PI
3021 NEXT i
3022 IF j<>NOT PI THEN CLS : PRINT AT VAL "12",NOT PI;"just a word - no spaces allowed": GO TO VAL "3e3"
3025 POKE VAL "23297",LEN a$
3030 PRINT AT VAL "12",NOT PI;"with (just ENTER for find only)":LET i=VAL "14": GO SUB VAL "6e3"
3040 IF a$="" THEN POKE VAL "23362",SGN PI: GO TO VAL "3060"
3050 FOR i=SGN PI TO LEN a$: POKE

```

```

KE VAL "23329"+i,CODE a$(i): NEXT i
3060 LET a=USR VAL "64955": LET a=USR VAL "64333": GO TO VAL"20"
4000 CLS : PRINT AT NOT PI,VAL "10";"TASWORD 2";AT SGN PI,PI ;"Tasman Software 1983 V1.8": RETURN
5000 INPUT "": PRINT #NOT PI;"Drive?": PAUSE NOT PI
5010 LET d$=INKEY$: IF d$="t" OR d$="T" THEN CLS : INPUT "":PRINT #NOT PI;"Start tape": LOAD ""CODE : GO TO SGN PI
5020 IF d$<>"0" OR d$>"4" THEN GO TO VAL "5e3"
5030 PRINT #VAL "4": GO TO VAL d$: CLS : PRINT #VAL "4": CAT".C^",: RETURN
6000 LET b=FN p(VAL "62216"): LET a$="": PRINT AT i,j0; FLASH SGN PI;" ": LET j=j0
6010 IF INKEY$<>"" THEN GO TO VAL "6010"
6020 PAUSE NOT PI: LET b$=INKEY $
6030 IF CODE b$=VAL "13" THEN PRINT AT i,j;" ": RETURN
6040 IF CODE b$<>VAL "12" THEN GO TO VAL "6070"
6050 IF j=j0 THEN GO TO VAL "6200"
6060 LET j=j-SGN PI: PRINT AT i,j; FLASH SGN PI;" "; FLASH NOT PI;" ": LET a$=a$( TO j-j0): GO TO VAL "6200"
6070 IF CODE b$<VAL "32" OR CODE b$>VAL "127" THEN GO TO VAL"6200"
6080 BEEP VAL ".001",VAL "34.4": PRINT AT i,j;b$:FLASH SGN PI;" ":LET j=j+SGN PI: LET a$=a$+b$
6090 IF j=VAL "32" THEN PRINT AT i+SGN PI,NOT PI;" ": RETURN
6200 IF INKEY$<>"" THEN GO TO VAL "6200"
6210 GO TO VAL "6020"
7000 DEF FN p(x)=PEEK x+VAL "256"**PEEK (x+SGN PI)
8000 STOP
9000 BEEP VAL ".15",VAL "5": PA PER SGN PI: INK VAL "7": BORDER SGN PI: CLS : GO SUB VAL "4e3"
9010 PRINT #VAL "4": LOAD "Tasword.C1"CODE
9020 POKE VAL "23658",NOT PI: GO TO VAL "15"
9050 POKE VAL "57999",VAL "127":POKE VAL "58001",VAL "103":POKE VAL "58008",VAL "127":POKE VAL "58014",VAL "219":POKE VAL "58015",VAL "127": RETURN
9992 BEEP VAL ".15",VAL "5": PR

```

```

INT #VAL "4": SAVE "TASWOR.BA" L
INE VAL "9e3": REM PRINT #VAL "
4": SAVE "Taswor.C1" CODE VAL"54
784",VAL "10771"
9994 BEEP VAL ".042",VAL "50":
PAUSE VAL "2.8": BEEP VAL".042"
,VAL "50"
9998 PRINT #VAL "4": LOAD "L.B1
"

```

**QL MENUE**  
by  
Butch Weinberg  
PDS DOC

Well, this time a little something on my "menue" program. I originally wrote it so I could go back and forth between a group of my programs without having to stop and type in individual LOAD commands.

The "menue" program is written in QL SuperBASIC. The following LISTing is the program currently found in our CATUG Public Domain Library (the programs included in the "menu" are also available in the CATUG PDL).

```

10 REMark menu for multiple
  programs
15 PAPER 7: INK 4
20 CLS: CSIZE 2,1: PRINT\ TO
  12; 'MENU'
30 CSIZE 0,0
40 CSIZE 0,1: PRINT\ TO 10,
  'Programs on this cart.'
45 CSIZE 0,0
50 PRINT\ TO 10;
  '1> Check Wrighter'
60 PRINT TO 10;'2> Banner'
70 PRINT TO 10;
  '3> Spin The Bottle'
80 PRINT TO 10;'4> Listing (fo
r   merging only)'
90 PRINT TO 10;'5> Poster
  Maker'
140 PRINT TO 10;'9> TO QUIT'
200 PRINT #0;'press the # of
  the one you want'
220 in$=INKEY$(-1)
221 in=in$
222 ON in GO TO 240, 260, 280,
  300, 320, 340, 220, 360
240 CLS: CSIZE 2,1:PRINT\ \
  TO 10; 'LOADING'\ TO 3;
  'CHECK WRIGHTER':
  LRUN flp1_check: END IF
260 CLS: CSIZE 2,1:PRINT\ \
  TO 10; 'LOADING'\ TO 3;
  'BANNER': LRUN flp1_banner
:   END IF

```

```

280 CLS: CSIZE 2,1: PRINT\ \
  TO 10; 'LOADING'\ TO 3;
  'SPIN THE BOTTLE':
  LRUN flp1_stb: END IF
300 CLS: CSIZE 2,1:
  PRINT\ TO 10; 'LOADING'\ \
  TO 3; 'LISTING':
  LRUN flp1_listing: END IF
320 CLS: CSIZE 2,1:
  PRINT\ TO 10; 'LOADING'\ \
  TO 3; 'POSTER MAKER':
  LRUN flp1_poster_maker:
  END IF
360 PAPER 7: INK 2: CLS:
  CSIZE 2,1: PRINT\ \ \ \ TO 4;
  'OK YOU ARE BACK IN BASIC'
:   END IF

```

Modify this program by changing the names in the PRINT and LOAD statements to correspond to your own programs.

I have further modified a version of this program to access two "screen pages" to LOAD a total of 18 files. This program can't be too bad a program because Al Feng said that he liked it enough to use a modification of it for use on one of his own disks!

Next time: 'DATING' (my "dating game" program).

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---

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 %%%%%%%%%%%%%%
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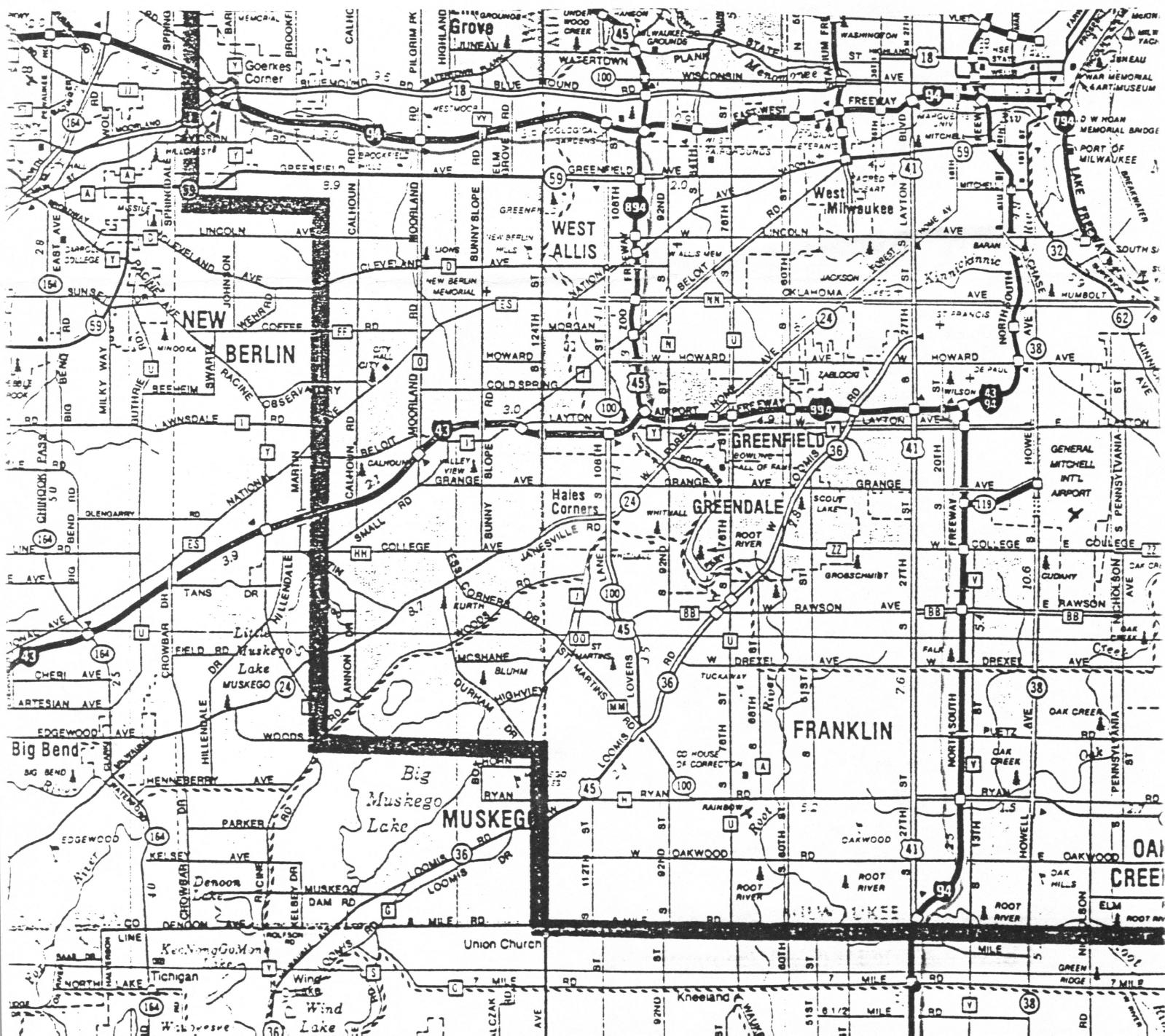
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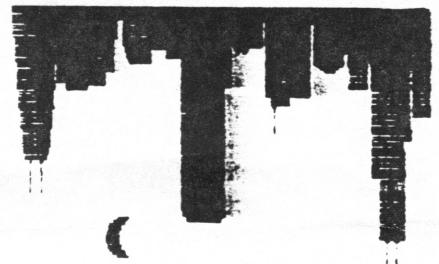
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